

RGT - 7028
Therapeutic DNA Vaccination

Serial No. 09/863,606

Amendments to the Claims

Claims 1-14 (Cancelled).

Claims 15-16 (Withdrawn).

15. (Amended) The method of Claim 21, wherein the antiretroviral drug therapy comprises an effective amount of hydroxyurea and a reverse transcriptase inhibitor.

16. (Amended) The method of Claim 15, wherein the reverse transcriptase inhibitor is selected from ddI, d4T, 3TC, AZT, delavirdine, abacavir, adefovir, nevirapine, efavirenz, lubocavir, ~~PMPA~~tenofovir DF, ~~PMEA~~adefovir dipivoxil, and mixtures thereof.

Claims 17-20 (Cancelled).

Claim 21 (Withdrawn)

21. (Amended) The method of any one of Claims ~~17-20~~ 22 or 23, wherein the ~~highly active~~ antiretroviral drug therapy further comprises hydroxyurea.

22. (Amended) A method of treating retroviral infection, comprising
i) administering, to a host that is infected with a retrovirus, an antiretroviral therapy ~~comprising ddI~~ until retroviral replication is suppressed, and then ii) administering a gene delivery complex comprising
a) DNA encoding an immunogenic retroviral protein operably linked with a promoter and
b) mannosylated polyethylenimine.

23. (Amended) The method of Claim 22, wherein the antiretroviral therapy ~~further~~ comprises a protease inhibitor is selected from the group consisting of indinavir, saquinavir, ritonavir, nelfinavir, atazanavir, and mixtures thereof.

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24. (Amended) The method of Claim 22, wherein the antiretroviral therapy further comprises a reverse transcriptase inhibitor selected from the group consisting of ddI, d4T, 3TC, AZT, FTC, delavirdine, abacavir, adefovir, nevirapine, efavirenz, tenofovir DF, adefovir dipivoxil, and mixtures thereof.

25. (Cancelled)

26. (Amended) The method of Claim ~~253~~, wherein the antiretroviral therapy further comprises a reverse transcriptase inhibitor selected from the group consisting of ddI, d4T, 3TC, AZT, FTC, delavirdine, abacavir, adefovir, nevirapine, efavirenz, tenofovir DF, adefovir dipivoxil, and mixtures thereof.

27. (Amended) The method of Claim ~~254~~, wherein the antiretroviral therapy further comprises a protease inhibitor is selected from the group consisting of, indinavir, saquinavir, ritonavir, nelfinavir, atazanavir, and mixtures thereof.